Utah's Controlled Substance Database (CSD): Patient / Prescriber Dashboard, & CSD-EHR Integration Updates

Digital Health Service Commission
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CSD
Controlled Substance Database

What is the Controlled Substance Database (CSD)?

- Legislatively created in 1995 to assist law enforcement and medical practitioners with reducing unlawful controlled substance activity and over-prescribing
- Collects data on dispensing of Schedule II – V drugs from retail, institutional, and outpatient hospital pharmacies, and in-state/out-of-state mail order pharmacies
  - Not required to report if:
    - prescriptions filled in other states
    - controlled substances administered within in-patient setting
- Housed with DOPL

CSD Patient Dashboard

- Collaborative effort between:
  - Utah Department of Commerce, Division of Occupational & Professional Licensing (DOPL)
  - Utah Department of Health
  - Utah Department of Technology Services

- Four Metrics:
  - Total Active Daily Morphine Milligram Equivalents
  - Number of Prescribers in 6 Months
  - Number of Pharmacies in 6 Months
  - Active Benzo Opioid Combo

- Clinical Decision-Making Tool

- Go-Live: November 2017

Searching the CSD

- Go to csd.utah.gov
  - Create a UMD (AKA "Utah ID") account or log in if you already have a UMD account

CSD Patient Dashboard

- Individual Search Page

CSD Patient Dashboard

- Individual Search Results
- Zero Records Selected / 4 Metrics

CSD Patient Dashboard

- Choose Patient Line(s)/Record(s)
- 3 Records Selected / 4 Metrics, Various Risk Levels

CSD Patient Dashboard

- Detailed Summary
- 5 Active Dispensing Records / 4 Metrics, Various Risk Levels

CSD Patient Dashboard

- 5 Active Dispensing Records / 4 Metrics, Various Risk Levels
- Click on & off metric for text box popup

Utah Department of Commerce
Controlled Substance Database

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Search Criteria: Detailed Search Results
Last Name: MCFLY   Date Range: 11/27/2016 - 11/27/2017
Date Of Birth: 07/01/1968

Active Dispensing Records

5 ▶

Total Active Daily Morphine Milligram Equivalents (MME)	# Prescribers in 6 Months	# Pharmacies in 6 Months	Active Benzos and Opioids
108 ❗	1 ◆	3 ⚠	Yes ❗

Show 10 ▼ entries

Risk of Overdose

Carefully consider the risks/benefits when titrating doses to ≥ 90 MME/day. Also, consider prescribing an opioid antagonist, such as Naloxone, when prescribing an opioid.

❗ **≥ 90 High Risk**

⚠ **50-89 Moderate Risk**

◆ **≤ 49 Minor Risk**

Learn More

First Name	Last Name	Drug	Quantity	Date Sold	Days Sup			Active	MME
SEAMUS	MCFLY	MORPHINE SO4 15MG EXTENDED RELEASE	60	11/24/2017	30			Yes	30
MARTIN	MCFLY	CODEINE SO4 60MG (4 X 25)	60	10/30/2017	30			Yes	18
MARTY	MCFLY	MORPHINE SO4 15MG EXTENDED RELEASE	60	10/30/2017	30			Yes	30
MARTY	MCFLY	MORPHINE SO4 15MG EXTENDED RELEASE	60	10/30/2017	30			Yes	30
MARTY	MCFLY	OXAZEPAM	30	10/30/2017	30			Yes	
MARTY	MCFLY	MORPHINE SO4 15MG EXTENDED RELEASE	60	09/26/2017	30			No	30
MARTY	MCFLY	MORPHINE SO4 15MG EXTENDED RELEASE	60	09/25/2017	30			No	30
MARTY	MCFLY	OXAZEPAM	30	09/25/2017	30	TESTER, TEST MD	2	No	
MARTIN	MCFLY	CODEINE SO4 60MG (4 X 25)	60	09/24/2017	30	TESTER, TEST MD	2	No	18

Showing 1 to 9 of 9 entries

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Back   Search Again   Detailed Report   Summary

CSD Patient Dashboard

- "Learn More" will take the provider to Utah's Clinical Guidelines on Prescribing Opioids
  - Provides more comprehensive information

Risk of Overdose

Carefully consider the risks/benefits when titrating doses to ≥ 90 MME/day. Also, consider prescribing an opioid antagonist, such as Naloxone, when prescribing an opioid.

- ≥ 90 High Risk
- 50-89 Moderate Risk
- ≤ 49 Minor Risk

Learn More

Number of Prescribers

Patients at high risk for Substance Use Disorder (SUD) or those exhibiting behaviors of abuse, diversion, or addiction should be considered for referral to a SUD specialist for treatment.

- ≥ 5 Prescribers
- 3-4 Prescribers
- ≤ 2 Prescribers

Learn More

Number of Pharmacies

Patients at high risk for Substance Use Disorder (SUD) or those exhibiting behaviors of abuse, diversion, or addiction should be considered for referral to a SUD specialist for treatment.

- ≥ 5 Pharmacies
- 3-4 Pharmacies
- ≤ 2 Pharmacies

Learn More

Drug Combination Risk

Concurrent use of alcohol, benzodiazepines, and other CNS depressants requires explicit medical justification due to the **serious risk of respiratory depression** and patients should be warned of the risks.

Learn More

CSD Patient Dashboard

- External Records: Click on number & then name
  - Court & Hospital Records

CSD Patient Dashboard / Click on "Detailed Report" for CS Prescription Report

Controlled Substance Prescription Report

Search Criteria:
Last Name: MCFLY
Date Of Birth: 07/01/1968
Date Range: 11/27/2016 - 11/27/2017

IMPORTANT PLEASE READ
This information is protected under Utah Code 58-37f-301, 302, and 601. Unlawful access to or release of database information may subject an individual to felony and misdemeanor criminal liability and a civil penalty of up to $5,000 per violation.

The content provided in this report is for informational purposes only. The Division, its representatives, and employees cannot guarantee the accuracy or completeness of the data. The information is provided to the Division by the dispensing pharmacy. If question(s) should arise regarding the content or accuracy of any particular entry, the dispensing pharmacy should be contacted. The dispensing pharmacy's phone number is included in the report for your convenience.

Total Dispensing Records	Total Active Daily Morphine Milligram Equivalents (MME)	# Prescribers in 6 Months	# Pharmacies in 6 Months	Active Benzos and Opioids
9	108	1	3	Yes

#	First Name	Last Name	DOB	Address	RX #	Drug Dispensed	Qty	Date Sold	Day Supply	Prescriber	Dispensing Pharmacy	MME (inactive)
1	SEAMUS	MCFLY	07/01/1968	313 SOMEPLACE ST 84111	23106728	MORPHINE 15MG ER TABS	60	11/24/2017	30	TESTER, TEST MD	PHARMACY #1 – SLC 801-888-7777	30
2	MARTIN	MCFLY	07/01/1968	123 S MAIN T8L1K	23106728	CODEINE SO4 60MG TABS	60	10/30/2017	30	TESTER, TEST MD	PHARMACY #1 – SLC 801-888-7777	18
3	MARTY	MCFLY	07/01/1968	123 S MAIN T8L1K	23106727	MORPHINE 15MG ER TABS	60	10/30/2017	30	TESTER, TEST MD	PHARMACY #2 – HEBER 435-777-8888	30
4	MARTY	MCFLY	07/01/1968	123 S MAIN T8L1K	23106727	MORPHINE 15MG ER TABS	60	10/30/2017	30	TESTER, TEST MD	PHARMACY #2 – HEBER 435-777-8888	30
5	MARTY	MCFLY	07/01/1968	123 S MAIN T8L1K	14012949	OXAZEPAM USP 15MG CAP	30	10/30/2017	30	TESTER, TEST MD	PHARMACY #3 – KEARNS 801-667-7788	
6	MARTY	MCFLY	07/01/1968	123 S MAIN T8L1K	23106727	MORPHINE 15MG ER TABS	60	09/26/2017	30	TESTER, TEST MD	PHARMACY #3 – KEARNS 801-667-7788	(30)
7	MARTY	MCFLY	07/01/1968	123 S MAIN T8L1K	23106727	MORPHINE 15MG ER TABS	60	09/25/2017	30	TESTER, TEST MD	PHARMACY #2 – HEBER 435-777-8888	(30)
8	MARTY	MCFLY	07/01/1968	123 S MAIN T8L1K	14012949	OXAZEPAM USP 15MG CAP	30	09/25/2017	30	TESTER, TEST MD	PHARMACY #1 – SLC 801-888-7777	
9	MARTIN	MCFLY	07/01/1968	123 S MAIN T8L1K	23106728	CODEINE SO4 60MG TABS	60	09/24/2017	30	TESTER, TEST MD	PHARMACY #3 – KEARNS 801-667-7788	(18)

END OF REPORT

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Upcoming CSD Enhancement

- Prescriber Dashboard
  - Currently creating
  - Tentative Go-Live date: July 15, 2019
  - Collaborative effort between four state agencies (Commerce, Health, Technology Services, Human Services)
  - Clinical Support Tool with similar metrics to Patient Dashboard
  - Controlled Substance prescribers will be able to view and compare their prescribing behavior

EHR Integration

- Collaboration with Commerce, Health, DTS
- Funded through CMS/HITECH until 2021
- Provide health information exchange (HIE) to support
  - Clinical Meaningful Use objectives
  - Clinical Quality Metrics
  - Improved medication reconciliation
  - Support clinical electronic decision support
  - Reduce overdose/addition by improving prescription practices

Project Areas

- Develop master person linkage in the Controlled Substance Database (CSD).

- Develop web API layer to support HIE between the CSD and external systems.

- Onboard new eligible providers and EHR systems to the Clinical Health Information Exchange (CHIE).

- Develop enhanced analytics for use in clinical decision support and care coordination

Master Person Linkage

- Use DOHMPI to link/deduplicate person identities in the CSD
- Integrate DOHMPI with UHIN/ThSisU
- Link CSD identities to additional health datasets

HIE with clinical health systems

- Develop API layer to support exchange
  - Use standards such as REST/FHIR
- Exchange data through CHIE
- Support single sign-on from providers EHR systems to CSD web application
- Use RxCheck to support exchange between providers and external states with the CSD

Onboard new providers to CHIE

- Identify providers not connected
- Provide training
- Support onboarding costs through UHIN
- Support patient care through provider alerts and analytics through the CHIE

Enhanced Analytics

- Support clinical dashboards
- Develop consumable analytics for EHR systems
- Work with providers to develop decision support algorithms